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25X1

-2-

and the plant's financial plan also ~~had~~ ^{will have} to be altered.

- (2) ~~From the plant's point of view, it was absolutely necessary to increase the turnover of pure aluminum ingots. In order to be able to take over the production of additional pipe above the planned quota, about an additional 200 metric tons of aluminum ingots were required, and they would be needed as early as September.~~
- (3) ~~The Bitterfeld plant indicated that its Type Plan (Sortenplan) would not be fulfilled because the aluminum rod category would be underfulfilled, thus damaging the financial plan. It was made the responsibility of the Fachabteilung of Non-Ferrous Metal Processing to arrange through the Main Administration of Heavy Chemistry, to which the Bitterfeld plant belongs, for the plant's pipe quota to be increased at the expense of the production of rods. Approval of this would have to be given by both Production Area Metallurgy and Production Area Chemistry.~~

2. Leichtmetallwerk Rackwitza. Rolled products of aluminum and aluminum alloys

(1) Sheets	Quota	Ordered		Production Capability	
		Pure Al	Al alloys	Pure Al	Al alloys
(1) Sheets	257 metric tons	123 metric tons	167 metric tons	110 metric tons	150 metric tons

The Rackwitz plant has a monthly quota of eight metric tons of Alpur sheets which are extra production and are used in the manufacture of consumers' goods. If this production were to be partially cut back, the amount of pure aluminum sheets produced by the plant could be increased. The Rackwitz plant was instructed to select orders for pure aluminum sheets which fell in the category of items to be imported. If these orders were not filled by the plant, then plant capacity for the rolling of several additional tons of aluminum alloy sheets could be made available. However, it had not been decided as of 19 August 1954 whether this project would be carried out or not.

(2) Discs	Quota	Ordered		Production Capability	
		Pure Al	Al Alloys	Pure Al	Al alloys
(Ronden) 88 metric tons		69 metric tons	68 metric tons	60 metric tons	45 metric tons

During the course of the fourth quarter, checks were to be made on production at VEB Metallschmelz-und Walzwerk Merseburg to determine whether the unfulfillable orders for aluminum discs could be transferred there.

Wire	Quota	Ordered		Production Capability	
		Pure Al	Al Alloys	Pure Al	Al Alloys
Wire	300 metric tons	149 metric tons		300 metric tons	

There was a shortage of orders for aluminum wire. No delivery quotas (Lieferanteile) were to be given for aluminum wire.

3. VEB Metallschmelz-und-Walzwerk Merseburga. Rolled products of aluminum and aluminum alloys

(1) Sheets	Quota	Ordered		Production Capability	
		Pure Al	Al Alloys	Pure Al	Al Alloys
(1) Sheets	550 metric tons	235 metric tons	180 metric tons	235 metric tons	

S-E-C-R-E-T

-2-

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25X1

-3-

At this plant, orders for pure aluminum sheets totalling 187 metric tons were to be selected which fell in the category of items to be imported. This is now the total of orders for pure aluminum sheets ~~was made in agree~~ with production capability in that category. The orders in question were returned to the central office of DHZ Metallurgie for processing for import. The extremely poor receipts of scrap caused difficulties in fulfilling the quota for aluminum alloy sheets.

	<u>Quota (Auftrag)</u>	<u>Ordered</u>	<u>Production Capability</u>
(2) Discs (pure Al)	150 metric tons	78 metric tons	78 metric tons
Al) (Al alloy)	150 metric tons	1178 metric tons	111 metric tons

The increased production of discs (Ronden) at Merseburg was only made possible because the production of pure aluminum and aluminum alloy sheets was not turned over to that plant in the amounts laid down by the plan. The year's production plan would not be fulfilled according to tonnage, but the requirements of the economy would be fully covered.

	<u>Quota (Auftrag)</u>	<u>Ordered</u>	<u>Production Capability</u>
(3) Aluminum foil	80 metric tons	146 metric tons	72 metric tons

The Merseburg plant was directed by the Fachabteilung of the Non-Ferrous Metal Industry to produce eight metric tons of 7^u aluminum foil, to be rated at the ratio of 1 to 2 by tonnage against the plant's regular aluminum foil production. Thus, although the quota called for 80 metric tons of aluminum foil, the plant would produce only 72 tons, and consequently would not fulfil the quarterly plan for aluminum foil. The Marketing Department for Metallurgy objected to the directive of the Fachabteilung and demanded that the Merseburg plant produce its full quota of 80 metric tons of aluminum foil.

4. VEB Walzwerk Hettstedt

a. Rolled product of aluminum and aluminum alloys

	<u>Quota (Auftrag)</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets (Pure Al)	1171 metric tons	1,262 metric tons	510 metric tons (plus 75 metric tons of assorted sheets)
Sheets (Al alloy)	248 metric tons	630 metric tons	240 metric tons

The amount of pure aluminum sheets ordered, as shown above, was to be reduced by an amount, which had not yet been determined, of sheets falling into the category of items to be imported. DHZ Metallurgie-Zentrale was to select these orders from among those at the Hettstedt plant and effect their importation as soon as possible through its Import Department. The shortage of production capability with respect to aluminum alloy sheet ordered in the amount of 390 metric tons could not be made up.

	<u>Quota (Auftrag)</u>	<u>Ordered</u>	<u>Production Capability</u>
(2) Strips (Pure Al)	224 metric tons	813 metric tons	640 metric tons

* Note: ~~approximate~~

-3-

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25X1

-4-

Production of pure strip aluminum ~~was to be~~ ^{was} divided as follows: 90 metric tons less than 250 mm. wide and 550 metric tons from 250 to 1,000 mm. wide.

	<u>Quota</u> <i>(Conf)</i>	<u>Ordered</u>	<u>Production Capability</u>
Strips (Al alloy)	99 metric tons	134 metric tons	100 metric tons

The shortage of production capability with respect to ~~amounts~~ ^{the} ordered of 173 metric tons of pure aluminum strips and 34 metric tons of aluminum alloy strips could not be made up, but the DHZ Metallurgie-Zentrale ~~was also~~ to check as to whether orders for pure ~~band~~ ^{strip} aluminum on hand at Hettstedt could be filled through imports.

	<u>Quota</u> <i>(Conf)</i>	<u>Ordered</u>	<u>Production Capability</u>
(3) Rods (Pure Al)	147 metric tons	63 metric tons	105 metric tons

The Hettstedt plant was to take over the orders from the Bitterfeld plant for 50 metric tons of pure aluminum rods which were mentioned in paragraph 1a.. This transaction was to be handled as quickly as possible through the DHZ Metallurgie-Zentrale.

	<u>Quota</u> <i>(Conf)</i>	<u>Ordered</u>	<u>Production Capability</u>
Rods (Al alloy)	75 metric tons	220 metric tons	150 metric tons

The shortage of production capability with respect to amounts ordered of 70 metric tons of aluminum alloy rods could not be made up by any other plant and Hettstedt had no way of producing the rods.

	<u>Quota</u> <i>(Conf)</i>	<u>Ordered</u>	<u>Production Capability</u>
(4) Pipe (pure Al)	30 metric tons	93 metric tons	49 metric tons
Pipe (Al alloy)	20 metric tons	70 metric tons	22 metric tons

According to the operativplan, an additional 35 metric tons of aluminum pipe ~~were~~ to be produced by the Hettstedt plant in 1954, but the plant agreed to produce the extra 35 tons only if two complete draw benches (ziehbaenke) were moved to Hettstedt from the Berliner Metallhuetten- und Halbzeugwerke (BMHW), Berlin-Niederschonenweide. However, the latter plant had not yet loaded the draw benches for shipment as of 19 August 1954, and consequently, the additional 10 metric tons of pipe for the third quarter of 1954, for which contracts had already been drawn up, ~~could~~ ^{can} not be produced. The additional amount of pipe assigned to Hettstedt ~~was~~ ^{is} only for pure aluminum pipe, but the amount of additional aluminum alloy pipe which ~~could~~ ^{can} be manufactured was also being checked. Hettstedt ~~was~~ ^{is} to have given a definite statement by 21 August 1954 as to how much aluminum pipe it ~~could~~ ^{can} produce by the end of 1954, and delivery quotas ~~were~~ ^{are} to be set up in accordance with this statement.

	<u>Quota</u> <i>(Conf)</i>	<u>Ordered</u>	<u>Production Capability</u>
(5) Wire (Al and Al alloy)	880 metric tons	460 metric tons	880 metric tons

b. Rolled products of brass

	<u>Quota</u> <i>(Conf)</i> (Fourth Quarter)	<u>Ordered</u>	<u>Production Capability</u> (Fourth Quarter)
(1) Sheets	186 metric tons	160 metric tons	230 metric tons

Orders for sheet brass ~~were~~ ^{are} to be transferred to Hettstedt from the Berliner Metallhuetten- und Halbzeugwerke, so that the Hettstedt plant's production capacity could be fully utilized.

S-E-C-R-E-T

-4-

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-5-

	Quota <i>(Average)</i> (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
(2) Strips	844 metric tons	1,277 metric tons	1,091 metric tons
(2) Strips wide		591 metric tons	591 metric tons
narrow		476 metric tons	374 metric tons
Kuehlerband		210 metric tons	126 metric tons

Orders for 18 metric tons of narrow brass strips were to be taken over by VEB Halbzeugwerke Auerhammer. The Hettstedt plant was checking as to whether it might possibly be able to increase its production of wide brass strips. If it could do so, it was to inquire of the customers as to whether they could use broad strips instead of narrow ones. At the suggestion of the Hettstedt plant, a check was being made with the Hauptreferat for black cast iron (Schwarzmetalle) as to whether VEB Kaltwalzwerk Oranienburg or VEB Kaltwalzwerk Salzgungen could take over cold strips (Kaltband) from Hettstedt for production, thus leaving the Hettstedt plant's production capacity free for the manufacture of Kuehlerbaender.

(4) ~~Redacted~~

(5) Wire 107 metric tons 74 metric tons 107 metric tons

Orders were not received for enough brass wire to make full use of the quota under that category, so the Hettstedt plant was investigating the possibility of employing the production capacity released by this circumstance in the manufacture of zinc wire, since there was a considerable shortage of production under that category as compared with the amount ordered.

	Quota <i>(Average)</i> (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
Pipe	214 metric tons	240.7 metric tons	214 metric tons
Kds Pipe Ms 63-20 mm.		14 metric tons	9 metric tons
Kds Pipe Ms 63-40 mm.		44.7 metric tons	15 metric tons
Kds Pipe Ms 70-20 mm.		11.5 metric tons	6 metric tons

-5-

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-6-

Quota (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
Kds Pipe Ms 70-40 mm.	50.5 metric tons	45 metric tons
Pds Pipe Ms 63 6-12 mm.	9.6 metric tons	15 metric tons
Pipe MS 63 -20 mm.	27.8 metric tons	60 metric tons
Pipe MS 63 -40 mm.	49.5 metric tons	30 metric tons
Pipe Ms 70 -40 mm.	1.1 metric tons	-----
Rolled pipe	32 metric tons	34 metric tons

The underproduction with respect to the amount ordered of condenser pipe could not be made up by Hettstedt because of lack of production capacity, and it was also impossible to transfer the orders to the Berliner Metallhuetten-und Halbzeugwerke. The free production capacity at the Hettstedt plant in the dimensional categories of 12 and 20 mm. was to be used in making up the under-production at the BMHW.

b. Rolled products of copper

Quota (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
Sheets 531 metric tons (including 50 metric tons for fireboxes)	505 metric tons	505 metric tons
Under 10 mm.	400 metric tons	340 metric tons
Over 10 mm.	50 metric tons	120 metric tons
Fireboxes	88 metric tons	135 metric tons

The production capacity for sheet copper over 10 mm. and firebox copper and hammer products (Hammerwaren) was not being fully used as of 19 August 1954 because not enough of these products had been ordered. However, it was expected that the Reichsbahn, at least, would submit further orders for fireboxes and that the capacity would thus be fully used. Full use of rolling capacity for sheet copper was also tied in with this.

Quota (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
(7) Strips 379 metric tons	393 metric tons	324 metric tons
Wide	88 metric tons	121 metric tons
Narrow	305 metric tons	203 metric tons

The Hettstedt plant was instructed to check its orders on hand for sheet copper under 10 mm. to determine whether the rolling stand (Walzgeruest) for wide copper strips, not much of which had been ordered, could be used in producing sheet copper under 10 mm. This would reduce the corresponding amount the amount of wide copper strips which had been ordered but could not be produced. The narrow copper strips, ordered but which could not be produced could not be turned over to any other plant producing them.

S-E-C-R-E-T

-6-

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-7-

	Quota (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
(8) Rods	497 metric tons	422.3 metric tons	467 metric tons
Lamellae		99 metric tons	100 metric tons
Profiles		113.3 metric tons	85 metric tons
Rods up to 30 mm.		125 metric tons	140 metric tons
Rods over 30 mm.		83 metric tons	142 metric tons

In addition, 20 metric tons of separator bolts (Stehbolzen) per month were being produced.

	Quota	Ordered	Production Capability
(9) Pipe	347 metric tons	550.6 metric tons	412 metric tons
4-6 mm.		29 metric tons	4 metric tons
-9 mm.		52 metric tons	10 metric tons
-12 mm.		93.8 metric tons	28 metric tons
-20 mm.		181.7 metric tons	84 metric tons
-40 mm.		26.9 metric tons	100 metric tons
-80 mm.		72 metric tons	90 metric tons
-180 mm.		91.5 metric tons	91 metric tons
Over 180 mm.		3.7 metric tons	5 metric tons

The especially high demand for copper pipe of small dimensions resulted from the increased production of consumer goods (immersion heaters, etc.). The amounts ordered in the 4-20 mm. dimension which could not be produced could also not be turned over to the BMW for production.

	Quota (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
(10) Wire	2,220 metric tons	1,038.1 metric tons	1,818 metric tons
Heavy wire		560 metric tons	1,126 metric tons
Fine wire		453 metric tons	453 metric tons
Flat wire		70 metric tons	43 metric tons
Trolley wire (Fahrdrabt)		113.5 metric tons	140 metric tons
Cable-wire rope		31 metric tons	50 metric tons
Stranded wire		10.6 metric tons	6 metric tons

The Marketing Department was negotiating with the Main Administration of Cable and Apparatus with a view to having VEB Kaltwalzwerk Oranienburg take over the filling of orders for stranded copper wire which could not be filled by the Hettstedt plant.

c. Rolled products of zinc

	Quota	Ordered	Production Capability
(1) Sheets	50 metric tons	111 metric tons	56 metric tons

Hettstedt was to produce 56 metric tons of sheet zinc, including 10 tons of etching and printing plates. Actual demand for these plates was 16.7 tons. Since it had been known all year that production of the plates

* Note: HV Kabel und Apparatebau

-7-

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-8-

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would be insufficient, it was up to the Hettstedt plant and the Main Administration of the Non-Ferrous Metals Industry to consider how to increase the production capacity in this category. When the production capability of the BMHW in the category of "other sheet zinc" was clarified, the remaining orders which the Hettstedt plant was not in a position to fill could be taken over by the former. The Hettstedt plant had stated that it was able to take over the production of 43 metric tons of Kalotten in addition to the 57 tons for which orders were on hand. This brought the total to 100 tons of Kalotten ordered.

	<u>Quota (Quota)</u>	<u>Ordered</u>	<u>Production Capability</u>
(2) Strips	67 metric tons	207 metric tons	68 metric tons

Included among the 68 metric tons to be produced by the Hettstedt plant in the fourth quarter were 5 tons of etching and printing plates. Demand for this category was over 7 tons, however.

Wire	7 metric tons	22.7 metric tons	12 metric tons
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It was possible for the Hettstedt plant to take care of all the zinc wire orders at the expense of the copper wire orders, but it had not been determined exactly what action was to be taken in this matter as of 19 August 1954.

d. Rolled products of nickel

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets and strips	22 metric tons	11 metric tons	
Wire	15 metric tons	4 metric tons	

All orders in this category were to be completely filled.

(2) Rods	----	9.6 metric tons	
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How much the Hettstedt plant would be able to produce in the category of nickel wire in the fourth quarter of 1954 had not yet been made clear by the plant as of 19 August 1954. All orders for nickel pipe were to be completely filled.

(3) Constantan wire	12 metric tons	24 metric tons	12 metric tons
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A check was being made to determine to what extent the Hettstedt plant could take over the production of 2.5 metric tons of Constantan wire being with 0.3 mm. thickness from the orders which VEB Halbzeugwerke Auerhammer would not be able to fill.

e. Rolled products of bronze

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets and strips	5 metric tons	4.6 metric tons (sheets)	4 metric tons (sheets)
		15.2 metric tons (strips)	9 metric tons (strips)

The orders on hand for bronze wire were expected to be completely filled.

(2) Bi-Metall strips	1 metric ton	1.9 metric tons	1.9 metric tons
Mu-Metal strips	1 metric ton	2.5 metric tons	1.5 metric tons

The orders for 1 metric ton of Mu-Metall strips which the Hettstedt plant was unable to fill were to be turned over to VEB Halbzeugwerke Auerhammer.

5. VEB Halbzeugwerke Auerhammer

a. Rolled products of brass

-8-

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S-E-C-R-E-T
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25X1

-9-

5. VEB Halbzeugwerke Auerhammera. Rolled products of brass

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets	39 metric tons	10.2 metric tons	39 metric tons

Orders for about 29 metric tons of sheet brass were to be returned to the Auerhammer plant from the Berliner Metallhuetten-und Halbzeugwerke so that full use could be made of the Auerhammer plant's capacity.

(2) Strips	62 metric tons	55 metric tons	62 metric tons
Other strips		24 metric tons	42 metric tons
Kuehlerband *		31 metric tons	20 metric tons

The incomplete use of the strip rolling plant which produced item "other strips" at Auerhammer was to be made up for by the orders for 18 tons from the narrow strip roll at the Hettstedt plant. The plant was expected to produce 6.5 metric tons of Kuehlerband per month beginning in 1954. Thus, its production capacity for the third quarter of 1954 was 20 tons and its capability for the fourth quarter would be to a total of 15 tons. The bottleneck in the production caused by a shortage of mordant was unable to get customers for which have not been imbued with a mordant.

	75 metric tons	15 metric tons
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The Auerhammer plant was counting on having the assembly completed by the end of October according to the plan, but in order to accomplish this it was necessary that the required cable be shipped from VEB Kaltwalzwerk Oranienburg as quickly as possible, and the State Committee for Material Procurement agreed to intervene in this matter. The plant was in a position to produce brass pipe in the 20 to 40 mm. dimensional range with a maximum length of 4,200 mm. Since the plant was not to begin this production until November, it would be necessary to produce 37.5 metric tons in November and the same amount in December in order to fulfill the plan.

b. Rolled products of copper

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
Pipe	20 metric tons	40 metric tons	40 metric tons

The Auerhammer plant undertook to produce 80 metric tons of copper pipe between July and October. However, nothing was accomplished in July, but the plant still expected to produce the 80 tons of pipe. The Auerhammer plant was instructed that it must agree to supply the specifications for material requiring delivery quotas four weeks before the beginning of the quarter, in this case on 31 August for the fourth quarter of 1954.

c. Rolled products of German silver (Neusilber)

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets	70 metric tons	25.1 metric tons	
strips	5 metric tons	1.4 metric tons	

*Note: Kuehlerband; radiator strip

-10-

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S-E-C-R-E-T

S-E-C-R-E-T
 Sec
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 -10-

25X1

In both of the foregoing categories, the orders on hand were expected to be completely filled.

(2) Rods and wire 14 metric tons 18 metric tons 17 metric tons

The finished products storage installation (Vertriebslager) reported the total of orders on hand as 18 tons, but this did not include orders calling for delivery by 30 September 1954 but on which postponement of the delivery date had been requested. The correct figures were to be supplied by the finished products storage installation.

Ordered
 Strips 19 metric tons 20.4 metric tons

The orders on hand were expected to be completely filled.

e. Rolled products of nickel

	<u>Quota</u>	<u>Ordered</u>
Constantan strips	2 metric tons	2 metric tons
Constantan wire	10 metric tons	7.5 metric tons

The orders on hand in these two categories were expected to be completely filled and the Auerhammer plant had offered to take over the production of 2.5 additional tons beginning with 0.3 mm thickness from the Hettstedt plant.

f. Other rolled

(1) Mu-Metall 8 metric tons 0.78 metric tons

The Auerhammer plant was to take over orders for an additional one ton from Hettstedt in this category.

(2) Bi-Metall strips

	<u>Quota</u>	<u>Ordered</u>	<u>Production</u>	<u>Availability</u>
Platinum sheets	metric tons	0.74 metric tons		
Platinum strips	metric tons	15.7 metric tons		
Platinum wire	metric tons	301 metric tons	201 metric tons	

(like), which cannot be included in the figures for plan full. These ingots, cannot be credited to the production figure at the Auerhammer plant because they are what is known as IIA material. The Auerhammer plant was instructed to submit a report on actual production and delivery of pieces for the period beginning with 1 January 1954, but this report had not been submitted separately from the one on the production of non-ferrous metal. In cases where a plant agrees to include its production in their normal quota, they of course can be credited to "other rolled non-ferrous metal". The Auerhammer plant had capacity available to increase its production in this category, but the quality of the ingots (Platinen) received there made overproduction impossible.

S-E-C-R-E-T

-10-

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-11-

25X1

6.

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
(1) Sheets	66 metric tons	50 metric tons	50 metric tons
Strips	80 metric tons	87.4 metric tons	87.4 metric tons
Rods and profiles	125 metric tons	43 metric tons	125 metric tons

Because not enough orders have been received, the available production capacity can be completely made use of.

(2) Pipe	110 metric tons	135.4 metric tons	135.9 metric tons
4 - 6 mm.		11.6 metric tons	11.6 metric tons
- 8 mm.		23.5 metric tons	23.5 metric tons
- 12 mm.		36 metric tons	36 metric tons
- 20 mm.		59.5 metric tons	60 metric tons
- 40 mm.		2.8 metric tons	2.8 metric tons
- 80 mm.		2 metric tons	2 metric tons
(3) Wire	120 metric tons	5.6 metric tons	120 metric tons
Staou-Draht	100 metric tons	128.6 metric tons	160 metric tons

b. Rolled products of brass

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	
(1) Sheets	105 metric tons	166 metric tons	105 metric tons

In view of the fact that the BHM was lagging behind the production plan and would apparently show underfulfillment for 1954, it was decided that orders covering the entire planned production would be accepted at that enterprise but that a total of 110 metric tons worth of orders would be passed to the Hettstedt and Auerhammer plants in order to take advantage of extra available production capacity there. The Auerhammer plant was to get orders for about 29 metric tons and the Hettstedt plant the difference up to as much as 100 metric tons.

(2) Strips	65 metric tons	87.5 metric tons	86 metric tons
Kuehlerband		20.5 metric tons	81 metric tons
Other strips		65 metric tons	5 metric tons

The increased production in the category of Kuehlerband was made possible by the fact that the plant (request) was to be put into operation in the fourth quarter of 1954. The increase in production was only to be in the category of Kuehlerband. The orders received for "other strips" could only be filled by the plant. It was necessary to determine to what extent the enterprises produced Kuehlerband. It would be able to handle the orders which had been ordered for 1954, so that Kuehlerband production capacity which might be made available for the production of other types of brass could be made use of.

(3) Rods	425 metric tons	415 metric tons	415 metric tons
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-11-

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~~S-E-C-R-E-T~~

-12-

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-12-

25X1

Profiles	11 metric tons	11 metric tons	
Other dimensions	404 metric tons	404 metric tons	
(4) Pipe	357 metric tons	308.2 metric tons	269.7 metric tons
4 - 6 mm.		18.6 metric tons	18.6 metric tons
8 mm.		9.2 metric tons	9.2 metric tons
12 mm.		8 metric tons	2 metric tons
20 mm.		49 metric tons	17 metric tons
40 mm.		50.5 metric tons	50 metric tons
80 mm.		47 metric tons	47 metric tons
Over 80 mm.		0.9 metric tons	0.9 metric tons
Condenser pipe - 20 mm.		53 metric tons	53 metric tons
- 40 mm.		72 metric tons	72 metric tons

BMHW stated that it was only able to produce 270 metric tons of brass pipe, instead of the 357 metric tons which were laid down in the production plan. The amount of six metric tons of pipe in the 4 - 12 mm. category which had been ordered but which BMHW could not produce were to be transferred to the Hettstedt plant to be produced there. The more than 32 metric tons in the 4 - 20 mm. category which BMHW could not produce were also to be transferred to the Hettstedt plant.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(5) Brass wire	30 metric tons	2 metric tons	30 metric tons

c. Rolled products of zinc

Sheets	187 metric tons	240 metric tons	210 metric tons (sheets)
			120 metric tons
			(<u>Kalotten</u>)

Fulfilment by BMHW up to 31 July 1954 of planned production of 437 metric tons was 344 tons. Overfulfilment was attributable to the fact that the enterprise counts Kalotten in the ratio of 1:2 by tonnage in figuring actual production, and they stated that this had been agreed to. However, the Marketing Department of the Main Administration of Non-Ferrous Metals stated that the ratio used must be only 1:1. BMHW agreed to produce sheets and Kalotten as indicated above under "production capability".

~~S-E-C-R-E-T~~

-12-

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ANNEX 1

Production of Rolled Non-Ferrous Metal Products
(All amounts in thousands of metric tons)

		Planned Prod. 1954	Actual Prod. as of 30.6.54	Expected Prod. as of 30.9.	Expected Prod. IV/54	Expected Prod. 1954	plus	minus
<u>Rolled Products of Copper</u>								
(Plan Position No. 132 200)	Total:	37,680.	19,252.	28,497.	8,520.	37,017	----	663.
<u>Hettstedt</u>	Total:	16,000.	7,998.	12,186.	3,386.	15,572.	----	428.
Cu-Sheets		2,140.	1,119.	1,749.	595.	2,344.	204.	----
Cu-Strips		1,520.	629.	1,061.	324.	1,385.	----	135.
Cu-Pipe		1,400.	684.	1,073.	342.	1,415.	15.	----
Cu-Rods		1,900.	1,006.	1,498.	467.	1,965.	65.	----
Cu-Wire		9,040.	4,560.	6,805.	1,658.	8,463.	----	577.
<u>Berliner Metallhuetten-u. Halbzeugwerke</u>	Total:	1,990.	736.	1,231.	329.	1,560.	----	430.
Cu-Sheets		250.	79.	139.	50.	189.	----	61.
Cu-Strips		320.	131.	211.	87.	298.	----	22.
Cu-Pipe		440.	116.	226.	136.	362.	----	78.
Cu-Rods		500.	179.	304.	50.	354.	----	146.
Cu-Wire		480.	231.	351.	6.	357.	----	123.
<u>Kabelwerk Oberspree - Cu-Wire</u>	Total:	19,600.	10,513.	15,046.	4,754.	19,800.	200.	----
<u>Auerhammer</u>	Total:	90.	5.	34.	51.	85.	----	5.
Cu-Foil		10.	3.	4.	1.	5.	----	5.
Cu-Strips		-----	1.	-----	-----	-----	-----	-----
Cu-Sheets		-----	1.	-----	-----	-----	-----	-----
Cu-Pipe		80.	-----	30.	50.	80.	-----	-----

		Planned Prod. 1954	Actual Prod. as of 30.6.54	Expected Prod. as of 30.9	Expected Prod. IV/54	Expected Prod. 1954	plus	minus
Rolled Products of Brass (Plan Position No. 1322 200)								
	Total:	12,795.	5,883.2	9,232.4	3,449.2	12,681.6	—	113.4
<u>Hettstedt</u>								
	Total:	9,450.	4,564.	7,169.	2,414.	9,583.	133.	—
Brass-Sheets		950.	387.	657.	230.	887.	—	63.
Brass-Strips		3,950.	1,639.	2,769.	1,090.	3,859.	—	91.
Brass-Rods		3,160.	1,925.	2,794.	800.	3,594.	434.	—
Brass-Pipe		860.	417.	646.	214.	860.	—	—
Brass-Wire		430.)						
Brass-Welding Rods		100.)	196.	303.	80.	383.	—	147.
<u>Berliner Metallhuetten-u. Halbzeugwerke</u>								
	Total:	2,850.	1,158.	1,592.	852.	2,644.	—	206.
Brass-Sheets		410.	145.	210.	67.	277.	—	133.
Brass-Strips		310.	98.	171.	85.	256.	—	54.
Brass-Rods		1,140.	574.	829.	415.	1,244.	104.	—
Brass-Pipe		960.	321.	334.	268.	802.	—	158.
Brass-Wire		30.	20.	48.	17.	65.	35.	—
<u>Auerhammer</u>								
	Total:	495.	161.2	271.4	183.2	454.6	—	40.4
Brass-Sheets		110.	47.	75.	39.	114.	4.	—
Brass-Strips		228.	89.	150.	62.	212.	—	16.
Brass-Pipe		75.	—	—	75.	75.	—	—
Brass-Wire		80.	25.	46.	7.	53.	—	27.
Brass-Foil		2.	0.2	0.4	0.2	0.6	—	1.4

	Planned Prod. 1954	Actual Prod. as of 30.6.54	Expected Prod. as of 30.9	Expected Prod. IV/54	Expected Prod. 1954	plus	minus
<u>Rolled Products of Aluminum</u> <u>(Plan Position No. 1322 510)</u>							
Total:	26,900.	11,070.	17,178.	5,050.	22,228.	---	4,672.
<u>Hettstedt</u>							
Total:	14,200.	5,398.	8,227.	2,352.	10,579.	---	3,621.
Alu-Sheets	6,300.	2,175.	3,120.	825.	3,945.	---	2,355.
Alu-Strips	1,300.	1,089.	1,839.	740.	2,579.	1,279.	---
Alu-Rods	1,100.	575.	821.	255.	1,076.	---	24.
Alu-Pipe	200.	122.	197.	71.	268.	68.	---
Alu-Wire	5,300.	1,437.	2,250.	461.	2,711.	---	2,589.
<u>Bitterfeld</u>							
Total:	5,100.	2,374.	3,921.	1,160.	5,081.	---	19.
Alu-Rods and Wire	4,800.	2,189.	3,649.	1,040.	4,689.	---	111.
Alu-Pipe	300.	185.	272.	120.	392.	92.	---
<u>Rackwitz</u>							
Total:	2,600.	1,055.	1,536.	514.	2,050.	---	550.
Alu-Sheets	1,400.	702.	1,068.	366.	1,434.	34.	---
Alu-Wire	1,200.	353.	468.	148.	616.	---	584.
<u>Merseburg</u>							
Total:	3,100.	1,537.	2,428.	683.	3,111.	11.	---
Alu-Sheets	2,800.	1,378.	2,189.	611.	2,800.	---	---
Alu-Foil	300.	159.	239.	72.	311.	11.	---
<u>Berliner Metallhuetten-u. Halbzeug</u>							
Total:	700.	111.	166.	41.	207.	---	---
Alu-Sheets	200.	56.	93.	---	93.	---	167.
Alu-Wire	500.	55.	73.	41.	114.	---	386.
<u>K W O - Wire</u>							
Total:	1,200.	595.	900.	300.	1,200.	---	---

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		Planned Prod. 1954	Actual Prod. as of 30.6.54	Expected Prod. as of 30.9	Expected Prod. IV/54	Expected Prod. 1954	plus	minus
Rolled Products of Zinc (Plan Position No. 1322 700)	Total:	1,680.	606.	960.	557.	1,517.	---	163.
Hettstedt	Total:	660.	280.	420.	190.	610.	---	
Zn-Sheets		200.)	258.	391.	167.	558.	---	
Zn-Strips		430.)						
Zn-Wire		30.	22.	29.	23.	52.	22.	---
Berliner Metallhuetten-u. Halb	Total:	1,020.	326.	540.	367.	907.	---	
Zn-Sheets		870.	274.	464.	330.	794.	---	76.
Zn-Strips		150.	52.	76.	37.	113.	---	37.

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LINEVA INFORMATION

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25X1

-2-

and the plant's financial plan also had to be altered.

- (2) From the plant's point of view, it was absolutely necessary to increase the turnover of pure aluminum ingots in order to be able to take over the production of additional pipe above the planned quota. About an additional 30 metric tons of aluminum ingots were required, and they would be needed as early as September.
- (3) The Bitterfeld plant indicated that the Type Plan (Sortenplan) would not be fulfilled because the aluminum rod category would be underfulfilled, thus damaging the financial plan. It was made the responsibility of the Fachabteilung of Non-Ferrous metal Processing to arrange through the Main Administration of Heavy Chemistry, to which the Bitterfeld plant belongs, for the plant's pipe quota to be increased at the expense of the production of rods. Approval of this would have to be given by both Production Area Metallurgy and Production Area Chemistry.

2. Leichtmetallwerk Rackwitz

a. Rolled products of aluminum and aluminum alloys

	<u>Quota</u>	<u>Ordered</u>		<u>Production Capability</u>	
		<u>Pure Al</u>	<u>Al alloys</u>	<u>Pure Al</u>	<u>Al alloys</u>
(1) Sheets	257 metric tons	255 metric tons	167 metric tons	110 metric tons	150 metric tons

The Rackwitz plant has a monthly quota of eight metric tons of Alpur sheets which are extra production and are used in the manufacture of consumers' goods. If this production were to be partially cut back, the amount of pure aluminum sheets produced by the plant could be increased. The Rackwitz plant was instructed to select orders for pure aluminum sheets which fell in the category of items to be imported. If these orders were not filled by the plant, then plant capacity for the rolling of several additional tons of aluminum alloy sheets could be made available. However, it had not been decided as of 19 August 1954 whether this project would be carried out or not.

	<u>Quota</u>	<u>Ordered</u>		<u>Production Capability</u>	
		<u>Pure Al</u>	<u>Al Alloys</u>	<u>Pure Al</u>	<u>Al alloys</u>
(2) Discs (Ronden)	88 metric tons	69 metric tons	68 metric tons	60 metric tons	45 metric tons

During the course of the fourth quarter, checks were to be made on production at VEB Metallschmelz-und Walzwerk Merseburg to determine whether the unfulfillable orders for aluminum discs could be transferred there.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
Wire	300 metric tons	149 metric tons	300 metric tons

There was a shortage of orders for aluminum wire. No delivery quotas (Lieferanteile) were to be given for aluminum wire.

3. VEB Metallschmelz-und-Walzwerk Merseburg

a. Rolled products of aluminum and aluminum alloys

	<u>Quota</u>	<u>Ordered</u>		<u>Production Capability</u>	
		<u>Pure Al</u>	<u>Al Alloys</u>	<u>Pure Al</u>	<u>Al Alloys</u>
(1) Sheets	550 metric tons	235 metric tons	180 metric tons	235 metric tons	

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-2-

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25X1

-3-

At this plant, orders for pure aluminum sheets totalling 187 metric tons were to be selected which fell in the category of items to be imported. This is how the total of orders for pure aluminum sheets was made to agree with production capability in that category. The orders in question were returned to the central office of DHZ Metallurgie for processing for import. The extremely poor receipts of scrap caused difficulties in fulfilling the quota for aluminum alloys sheets.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(2) Discs (pure Al)	150 metric tons	78 metric tons	78 metric tons
(Al alloy)	150 metric tons	111 metric tons	111 metric tons

The increased production of discs (Ronden) at Herseburg was only made possible because the production of pure aluminum and aluminum alloy sheets was not turned over to that plant in the amounts laid down by the plan. The year's production plan would not be fulfilled according to tonnage, but the requirements of the economy would be fully covered.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(3) Aluminum foil	80 metric tons	146 metric tons	72 metric tons

The Herseburg plant was directed by the Fachabteilung of the Non-Ferrous Metal Industry to produce eight metric tons of 7/^u aluminum foil, to be rated at the ratio of 1 to 2 by tonnage against the plant's regular aluminum foil production. Thus, although the quota called for 80 metric tons of aluminum foil, the plant would produce only 72 tons, and consequently would not fulfil the quarterly plan for aluminum foil. The Marketing Department for Metallurgy objected to the directive of the Fachabteilung and demanded that the Herseburg plant produce its full quota of 80 metric tons of aluminum foil.

4. VEB Walzwerk Hettstedt

a. Rolled products of aluminum and aluminum alloys

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets (Pure Al)	1171 metric tons	1,262 metric tons	510 metric tons (plus 75 metric tons of assorted sheets)
Sheets (Al alloy)	248 metric tons	630 metric tons	240 metric tons

The amount of pure aluminum sheets ordered, as shown above, was to be reduced by an amount which had not yet been determined of sheets falling into the category of items to be imported. DHZ Metallurgie-Zentrale was to select these orders from among those at the Hettstedt plant and effect their importation as soon as possible through its Import Department. The shortage of production capability with respect to aluminum alloy sheet ordered in the amount of 390 metric tons could not be made up.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(2) Strips (Pure Al)	121 metric tons	813 metric tons	640 metric tons

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-3-

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-4-

Production of pure strip aluminum was to be divided as follows: 90 metric tons less than 250 mm. wide and 550 metric tons from 250 to 1,000 mm. wide.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
Strips (Al alloy)	99 metric tons	134 metric tons	100 metric tons

The shortage of production capability with respect to amounts ordered of 173 metric tons of pure aluminum strips and 34 metric tons of aluminum alloy strips could not be made up, but the DHZ Metallurgie-Zentrale was also to check as to whether orders for pure band aluminum on hand at Hettstedt could be filled through imports.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(3) Rods (Pure Al)	147 metric tons	63 metric tons	105 metric tons

The Hettstedt plant was to take over the orders from the Bitterfeld plant for 50 metric tons of pure aluminum rods which were mentioned in paragraph 7a. This transaction was to be handled as quickly as possible through the DHZ Metallurgie-Zentrale.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
Rods (Al alloy)	75 metric tons	220 metric tons	150 metric tons

The shortage of production capability with respect to amounts ordered of 70 metric tons of aluminum alloy rods could not be made up by any other plant and Hettstedt had no way of producing the rods.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(4) Pipe (Pure Al)	30 metric tons	93 metric tons	49 metric tons
Pipe (Al alloy)	20 metric tons	70 metric tons	22 metric tons

According to the operativplan, an additional 35 metric tons of aluminum pipe were to be produced by the Hettstedt plant in 1954, but the plant agreed to produce the extra 35 tons only if two complete draw benches (Ziehbaenke) were moved to Hettstedt from the Berliner Metallhuetten- und Halbzeugwerke (BMHW), Berlin-Niederschoneneweide. However, the latter plant had not yet loaded the draw benches for shipment as of 19 August 1954, and consequently the additional 10 metric tons of pipe for the third quarter of 1954 for which contracts had already been drawn up could not be produced. The additional amount of pipe assigned to Hettstedt was only for pure aluminum pipe, but the amount of additional aluminum alloy pipe which could be manufactured was also being checked. Hettstedt was to have given a definite statement by 21 August 1954 as to how much aluminum pipe it could produce by the end of 1954 and delivery quotas were to be set up in accordance with this statement.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(5) Wire (Al and Al alloy)	880 metric tons	460 metric tons	880 metric tons

b. Rolled products of brass

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
(1) Sheets	186 metric tons	160 metric tons	230 metric tons

Orders for sheet brass were to be transferred to Hettstedt from the Berliner Metallhuetten- und Halbzeugwerke so that the Hettstedt plant's production capacity could be fully utilized.

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-4-

SECRET

25X1

-5-

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
(2) Strips	844 metric tons	1,277 metric tons	1,091 metric tons
(2) Strips wide		591 metric tons	591 metric tons
narrow		476 metric tons	374 metric tons
Kuehlerband		210 metric tons	126 metric tons

Orders for 18 metric tons of narrow brass strips were to be taken over by VEB Halbzeugwerke Auerhammer. The Hettstedt plant was checking as to whether it might possibly be able to increase its production of wide brass strips. If it could do so, it was to inquire of the customers as to whether they could use broad strips instead of narrow ones. At the suggestion of the Hettstedt plant, a check was being made with the Hauptreferat for black cast iron (Schwarzmetalle) as to whether VEB Kaltwalzwerk Oranienburg or VEB Kaltwalzwerk Salzwitten could take over cold strips (Kaltband) from Hettstedt for production, thus leaving the Hettstedt plant's production capacity free for the manufacture of Kuehlerbender.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(4) Rods	800 metric tons	809 metric tons	800 metric tons
Profiles		104 metric tons	80 metric tons
Other sizes		705 metric tons	720 metric tons

The Marketing Department was to discuss with VEB Kaltwalzwerk Oranienburg the possibility of producing brass profiles by this concern, so that orders for this commodity could be turned over to it for completion by Hettstedt.

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
(5) Wire	107 metric tons	74 metric tons	107 metric tons

Orders were not received for enough brass wire to make full use of the quota under that category, so the Hettstedt plant was investigating the possibility of employing the production capacity released by this circumstance in the manufacture of zinc wire, since there was a considerable shortage of production under that category as compared with the amount ordered.

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
Pipe	244 metric tons	240.7 metric tons	214 metric tons
Kds Pipe Ms		14 metric tons	9 metric tons
63.20 mm-			
Kds Pipe Ms		44.7 metric tons	15 metric tons
63.40 mm-			
Kds Pipe Ms		13.5 metric tons	6 metric tons
70.20 mm-			

5

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25X1

-6-

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
Kds Pipe Ms		50.5 metric tons	45 metric tons
70-40 mm.			
Pipe Ms 63		9.6 metric tons	15 metric tons
6-12 mm.			
Pipe MS 63		27.8 metric tons	60 metric tons
-20 mm.			
Pipe MS 63		49.5 metric tons	30 metric tons
-40 mm.			
Pipe Ms 70		1.1 metric tons	-----
-40 mm.			
Rolled pipe		32 metric tons	34 metric tons

The underproduction with respect to the amount ordered of condenser pipe could not be made up by Hettstedt because of lack of production capacity, and it was also impossible to transfer the orders to the Berliner Metallhuetten- und Halbzeugwerke. The free production capacity at the Hettstedt plant in the dimensional categories of 12 and 20 mm. was to be used in making up the under-production at the BHM.

b. Rolled products of copper

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
Sheets	531 metric tons (including 50 metric tons for fireboxes)	560 metric tons	595 metric tons
Under 10 mm.		422 metric tons	340 metric tons
Over 10 mm.		50 metric tons	120 metric tons
Fireboxes		88 metric tons	135 metric tons

The production capacity for sheet copper over 10 mm. and firebox copper and hammer products (Hammerwaren) was not being fully used as of 19 August 1954 because not enough of these products had been ordered. However, it was expected that the Reichsbahn, at least, would submit further orders for fireboxes and that the capacity would thus be fully used. Full use of rolling capacity for sheet copper was also tied in with this.

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
(7) Strips	379 metric tons	393 metric tons	324 metric tons
Wide		88 metric tons	121 metric tons
Narrow		305 metric tons	203 metric tons

The Hettstedt plant was instructed to check its orders on hand for sheet copper under 10 mm. to determine whether the rolling stand (Walzgeruest) for wide copper strips, not much of which had been ordered, could be used in producing sheet copper under 10 mm. This would reduce by a corresponding amount the amount of wide copper strips which had been ordered but could not be produced. The narrow copper strips ordered but which could not be produced could not be turned over to any other plant producing them.

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-6-

	Quota (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
(8) Rods	497 metric tons	422.3 metric tons	467 metric tons
Lances		99 metric tons	100 metric tons
Profiles		115.3 metric tons	35 metric tons
Rods up to 30 mm		123 metric tons	140 metric tons
Rods over 30 mm		83 metric tons	142 metric tons

In addition, 30 metric tons of separator bolts (Stehbolzen) per month were being produced.

	Quota	Ordered	Production Capability
(9) Pipe	347 metric tons	550.6 metric tons	412 metric tons
4-6 mm		29 metric tons	4 metric tons
9 mm		12 metric tons	10 metric tons
12 mm		95.8 metric tons	28 metric tons
20 mm		181.4 metric tons	84 metric tons
24 mm		76.9 metric tons	100 metric tons
30 mm		10 metric tons	90 metric tons
180 mm		91.5 metric tons	91 metric tons
Over 180 mm		1.7 metric tons	9 metric tons

The especially high demand for copper pipe of small dimensions resulted from the increased production of consumer goods (immersion heaters, etc.). The amounts ordered in the 4-20 mm dimension which could not be produced could also not be turned over to the DMW for production.

	Quota (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
(10) Wire	2,220 metric tons	1,038.1 metric tons	1,818 metric tons
Heavy wire		560 metric tons	1,126 metric tons
Cable wire		153 metric tons	453 metric tons
Dist wire		10 metric tons	43 metric tons
Trolley wire (Geldraht)		111.5 metric tons	140 metric tons
Cable-wire rope		21 metric tons	50 metric tons
Stranded wire		10.6 metric tons	6 metric tons

The Marketing Department was negotiating with the Main Administration of Cable and Apparatus with a view to having VEP Kaltwalzwerk Oranienburg take over the filling of orders for stranded copper wire which could not be filled by the Hettstedt plant.

c. Rolled products of zinc

	Quota	Ordered	Production Capability
(11) Sheet	50 metric tons	10 metric tons	56 metric tons

Intended to produce 10 metric tons of sheet zinc, including 10 tons of evening and printing plates. Actual demand for these plates was 16.7 tons. Since it has been known all year that production of the plates

* Note HV Kabel und Apparatebau

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-8-

would be insufficient, it was up to the Hettstedt plant and the Main Administration on the Non-Ferrous Metals Industry to consider how to increase the production capacity in this category. When the production capability of the BMW in the category of "other sheet zinc" was clarified, the remaining orders which the Hettstedt plant was not in a position to fill could be taken over by the former. The Hettstedt plant had stated that it was able to take over the production of 43 metric tons of Kalotten in addition to the 57 tons for which orders were on hand. This brought the total to 100 tons of Kalotten ordered.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(2) Strips	67 metric tons	207 metric tons	68 metric tons

Included among the 68 metric tons to be produced by the Hettstedt plant in the fourth quarter were 5 tons of etching and printing plates. Demand for this category was over 7 tons, however.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
Wire	7 metric tons	22.7 metric tons	12 metric tons

It was possible for the Hettstedt plant to take care of all the zinc wire orders at the expense of the copper wire orders, but it had not been determined exactly what action was to be taken in this matter as of 19 August 1954.

d. Rolled products of nickel

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets and strips	22 metric tons	11 metric tons	
Wire	15 metric tons	4 metric tons	

All orders in this category were to be completely filled.

(2) Rods	----	9.6 metric tons	
----------	------	-----------------	--

How much the Hettstedt plant would be able to produce in the category of nickel wire in the fourth quarter of 1954 had not yet been made clear by the plant as of 19 August 1954. All orders for nickel pipe were to be completely filled.

(3) Constantan wire	12 metric tons	24 metric tons	12 metric tons
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A check was being made to determine to what extent the Hettstedt plant could take over the production of 2.5 metric tons of Constantan wire being with 0.3 mm. thickness from the orders which VEB Halbzeugwerke Auerhammer would not be able to fill.

e. Rolled products of bronze

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets and strips	5 metric tons	4.6 metric tons (sheets) 15.2 metric tons (strips)	4 metric tons (sheets) 9 metric tons (strips)

The orders on hand for bronze wire were expected to be completely filled.

(2) Bi-Metal strips	1 metric ton	1.9 metric tons	1.9 metric tons
Mu-Metal strips	1 metric ton	2.5 metric tons	1.5 metric tons

The orders for 1 metric ton of Mu-Metal strips which the Hettstedt plant was unable to fill were to be turned over to VEB Halbzeugwerke Auerhammer.

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-9-

5. VEB Halbzeugwerke Auerhammera. Rolled products of brass

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets	39 metric tons	10.2 metric tons	39 metric tons

Orders for about 29 metric tons of sheet brass were to be returned to the Auerhammer plant from the Berliner Metallhuetten-und Halbzeugwerke so that full use could be made of the Auerhammer plant's capacity.

(2) Strips	62 metric tons	55 metric tons	62 metric tons
Other strips		24 metric tons	42 metric tons
Kuehlerband		31 metric tons	20 metric tons

The incomplete use of the strip rolling plant which produces the item "other strips" at Auerhammer was to be made up for by the transfer of orders for 18 tons from the narrow strip roll at the Hettstedt plant. The Auerhammer plant was expected to be able to produce 6.5 metric tons of Kuehlerband per month beginning with September 1954. Thus, its production capability for the third quarter of 1954 would be about 20 tons and its capability for the third quarter would be increased from about 3 to a total of 15 tons. The bottleneck in the production of Kuehlerband was caused by a shortage of mordant (Beize), because the Auerhammer plant had been unable to get customers for Kuehlerband which have not been issued with a mordant (ung...

(3) Pipe	75 metric tons	15 metric tons	75 metric tons
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The Auerhammer plant was counting on having the assemblage of the press completed by the end of October according to the plan, but in order to accomplish this it was necessary that the required cable be shipped from VEB Kaltwalzwerk Oranienburg as quickly as possible, and the State Committee for Material Procurement agreed to intervene in this matter. The plant was in a position to produce brass pipe in the 20 to 40 mm. dimensional range with a maximum length of 4,200 mm. Since the plant was not to begin this production until November, it would be necessary to produce 37.5 metric tons in November and the same amount in December in order to fulfil the plan.

b. Rolled products of copper

	<u>Quota</u> <u>(Fourth Quarter)</u>	<u>Ordered</u>	<u>Production Capability</u> <u>(Fourth Quarter)</u>
Pipe	20 metric tons	40 metric tons	40 metric tons

The Auerhammer plant undertook to produce 80 metric tons of copper pipe between July and October. However, nothing was accomplished in July, but the plant still expected to produce the 80 tons of pipe. The Auerhammer plant was instructed that it must agree to supply the specifications for material requiring delivery quotas four weeks before the beginning of the quarter, in this case on 31 August for the fourth quarter of 1954.

c. Rolled products of German silver (Neusilber)

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Sheets	70 metric tons	25.1 metric tons	
strips	5 metric tons	1.4 metric tons	

*Note: Kuehlerband: radiator strip

-10-

S.E.C.R.E.T

S-E-C-R-E-T

25X1

-10-

In both of the foregoing categories, the orders on hand were expected to be completely filled.

(2) Rods and wire 14 metric tons 18 metric tons 17 metric tons

The finished products storage installation (Vertriebslager) reported the total of orders on hand as 18 tons, but this did not include orders calling for delivery by 30 September 1974, but on which postponement of the delivery date had been requested. The correct figures were to be supplied by the finished products storage installation.

d. Rolled products of bronze

	<u>Quota</u>	<u>Ordered</u>
Strips	16 metric tons	20.4 metric tons

The orders on hand were expected to be completely filled.

e. Rolled products of nickel

	<u>Quota</u>	<u>Ordered</u>
Constantan strips	2 metric tons	2 metric tons
Constantan wire	10 metric tons	7.5 metric tons

The orders on hand in these two categories were expected to be completely filled and the Auerhammer plant had offered to take over the production of 2.5 additional tons beginning with 0.3 mm thickness from the Hettstedt plant.

f. Other rolled products of non-ferrous metal

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(1) Ni-Metal	8 metric tons	0.78 metric tons	

The Auerhammer plant was to take over orders for an additional one ton from Hettstedt in this category.

(2) Ni-Metal strips

Plated (plattiert) sheets	1.4 metric tons	0.74 metric tons	
Plated strips	30 metric tons	15.7 metric tons	
(copper and copper alloy)	200 metric tons	301 metric tons	201 metric tons

Auxiliary pieces (Nutzstücke) which cannot be included in the figures for plan fulfillment of plated sheet, cannot be credited to the production figure at the Auerhammer plant because they are what is known as Ua material. The Auerhammer plant was instructed to submit a report on actual production and delivery of aux. pieces for the period beginning with 1 January 1974, but this report had to be submitted separately from the one on "other rolled products of non-ferrous metal". In cases where a plant wishes to include aux. pieces in their normal quota, they of course can be modified to "other rolled products of non-ferrous metal". The Auerhammer plant had capacity available to increase its production in this category, but the quality of the reports (Plattinen) received there made overproduction impossible.

S-E-C-R-E-T

-10-

SECRET

25X1

-11-

6. Berliner Metallhuetten- und Holzzeugwerkea. Rolled products of copper

	Quota (Fourth Quarter)	Ordered	Production Capability (Fourth Quarter)
(1) Sheets	66 metric tons	50 metric tons	50 metric tons
Strips	80 metric tons	87.4 metric tons	87.4 metric tons
Rods and profiles	125 metric tons	43 metric tons	125 metric tons

Because not enough orders have been received, the available production capacity can be completely made use of.

(2) Pipe	110 metric tons	135.4 metric tons	135.9 metric tons
4 - 6 mm.		11.6 metric tons	11.6 metric tons
- 8 mm.		23.5 metric tons	23.5 metric tons
- 12 mm.		36 metric tons	36 metric tons
- 20 mm.		59.5 metric tons	60 metric tons
- 40 mm.		2.8 metric tons	2.8 metric tons
- 80 mm.		2 metric tons	2 metric tons
(3) Wire	120 metric tons	5.6 metric tons	120 metric tons
Stacu-Draht	100 metric tons	128.6 metric tons	160 metric tons

b. Rolled products of brass

	Quota (Fourth Quarter)	Ordered	Production Capability
(1) Sheets	105 metric tons	166 metric tons	105 metric tons

In view of the fact that the B W was lagging behind the production plan and would apparently show underfulfillment for 1954, it was decided that orders covering the entire planned production would be accepted at that enterprise but that a total of 110 metric tons worth of orders would be passed to the Hettstedt and Auerhammer plants in order to take advantage of extra available production capacity there. The Auerhammer plant was to get orders for about 29 metric tons and the Hettstedt plant the difference up to as much as 100 metric tons.

(2) Strips	65 metric tons	87.5 metric tons	86 metric tons
Kuehlerband		22.5 metric tons	81 metric tons
Other strips		65 metric tons	5 metric tons

The increased production in the category of Kuehlerband was made possible by the fact that the six-roll stand (6-Rollengeruest) was to be put into operation in the fourth quarter of 1954. However, since the increase in production was only to be in the category of Kuehlerband, the orders received for "other strips" could only be filled by 10%. It therefore became necessary to determine to what extent the enterprises processing Kuehlerband would be able to handle the Kuehlerband which had been ordered before the end of 1954, so that Kuehlerband production capacity which might be made free for the production of other types of brass strips could be made use of.

(3) Rods	425 metric tons	415 metric tons	415 metric tons
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-11-

SECRET

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-12-

25X1

-12-

Profiles	11 metric tons	11 metric tons	
Other dimensions	404 metric tons	404 metric tons	
(4) Pipe	357 metric tons	308.2 metric tons	269.7 metric tons
4 - 6 mm.		18.6 metric tons	18.6 metric tons
8 mm.		9.2 metric tons	9.2 metric tons
12 mm.		8 metric tons	2 metric tons
20 mm.		49 metric tons	17 metric tons
40 mm.		50.5 metric tons	50 metric tons
80 mm.		47 metric tons	47 metric tons
Over 80 mm.		0.9 metric tons	0.9 metric tons
Condenser pipe - 20 mm.		53 metric tons	53 metric tons
- 40 mm.		72 metric tons	72 metric tons

EMW stated that it was only able to produce 270 metric tons of brass pipe, instead of the 357 metric tons which were laid down in the production plan. The amount of six metric tons of pipe in the 4 - 12 mm. category which had been ordered but which EMW could not produce were to be transferred to the Hettstedt plant to be produced there. The more than 32 metric tons in the 4 - 20 mm. category which EMW could not produce were also to be transferred to the Hettstedt plant.

	<u>Quota</u>	<u>Ordered</u>	<u>Production Capability</u>
(5) Brass wire	30 metric tons	2 metric tons	30 metric tons
c. <u>Rollled products of zinc</u>			
Sheets	187 metric tons	240 metric tons	210 metric tons (sheets) 120 metric tons (<u>Kalotten</u>)

Fulfillment by EMW up to 31 July 1954 of planned production of 437 metric tons was 344 tons. Overfulfillment was attributable to the fact that the enterprise counts Kalotten in the ratio of 1:2 by tonnage in figuring actual production, and they stated that this had been agreed to. However, the Marketing Department of the Main Administration of Non-Ferrous Metals stated that the ratio used must be only 1:1. EMW agreed to produce sheets and Kalotten as indicated above under "production capability".

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-12-

S-E-C-R-E-T
-13-

ANNEX 1

25X1

Production of Rolled Non-Ferrous Metal Products
(All amounts in thousands of metric tons)

		Planned Prod. 1954	Actual Prod. as of 30.6.54	Expected Prod. as of 30.9.	Expected Prod. IV/54	Expected Prod. 1954	Plus	Minus
<u>Rolling Products of Copper</u>								
(Plan Position No. 122, 200)								
<u>Lettstedt</u>	Total:	37,680.	19,252.	28,497.	8,520.	37,017.	---	663.
	Total:	16,000.	7,998.	12,186.	3,386.	15,572.	---	428.
Cu-Sheets		2,140.	1,119.	1,749.	595.	2,344.	204.	---
Cu-Strips		1,520.	629.	1,061.	324.	1,385.	---	135.
Cu-Pipe		1,400.	684.	1,073.	342.	1,415.	15.	---
Cu-Rods		1,900.	1,006.	1,498.	467.	1,965.	65.	---
Cu-Wire		9,040.	4,560.	6,305.	1,658.	8,463.	---	577.
<u>Ferdiner Metallhuetten-u. Halbzeugwerke</u>								
	Total:	1,990.	736.	1,231.	329.	1,560.	---	430.
Cu-Sheets		250.	79.	139.	50.	109.	---	51.
Cu-Strips		320.	131.	211.	87.	298.	---	22.
Cu-Pipe		440.	116.	226.	136.	362.	---	78.
Cu-Rods		500.	179.	304.	50.	354.	---	146.
Cu-Wire		480.	231.	351.	6.	357.	---	123.
<u>Lehrwerk Obersiedl. - Cu-Wire</u>								
	Total:	19,600.	10,513.	15,046.	1,754.	19,800.	200.	---
<u>Aus Hammer</u>								
	Total:	90.	5.	24.	51.	85.	---	5.
Cu-Roll		10.	3.	4.	1.	5.	---	5.
Cu-Strips		---	1.	---	---	---	---	---
Cu-Sheets		---	1.	---	---	---	---	---
Cu-Pipe		80.	---	30.	50.	80.	---	---

-13-

S-E-C-R-E-T

S-E-C-R-E-T
-14-

25X1

		Planned Prod. 1954	Actual Prod. as of 30.6.54	Expected Prod. as of 30.9	Expected Prod. IV/54	Expected Prod. 1954	plus	minus
Rolled Products of Brass (Plan Position No. 1322 200)	Total:	12,795.	5,883.2	9,232.4	3,449.2	12,681.6	---	113.4
Hettstedt	Total:	9,450.	4,564.	7,169.	2,414.	9,583.	133.	---
Brass-Sheets		950.	387.	657.	230.	387.	---	63.
Brass-Strips		3,950.	1,639.	2,769.	1,090.	3,859.	---	91.
Brass-Rods		3,160.	1,925.	2,794.	800.	3,594.	434.	---
Brass-Pipe		860.	417.	646.	214.	860.	---	---
Brass-Wire		430.)					---	---
Brass-Welding Rods		100.)	196.	303.	80.	383.	---	147.
Berliner Metallhuetten-u. Halbzeugwerke	Total:	2,850.	1,158.	1,592.	852.	2,644.	---	206.
Brass-Sheets		410.	145.	210.	67.	277.	---	133.
Brass-Strips		310.	98.	171.	85.	256.	---	54.
Brass-Rods		1,140.	574.	829.	415.	1,244.	104.	---
Brass-Pipe		960.	321.	334.	268.	802.	---	158.
Brass-Wire		30.	20.	46.	17.	65.	35.	---
Auerhammer	Total:	495.	161.2	271.4	183.2	454.6	---	40.4
Brass-Sheets		110.	47.	75.	39.	114.	4.	---
Brass-Strips		228.	89.	150.	62.	212.	---	16.
Brass-Pipe		75.	---	---	75.	75.	---	---
Brass-Wire		80.	25.	46.	7.	53.	---	27.
Brass-Foil		2.	0.2	0.4	0.2	0.6	---	1.4

-14-
S-E-C-R-E-T

S-E-C-R-E-T
-15-

25X1

		Planned Prod. 1954	Actual Prod. as of 30.6.54	Expected Prod. as of 30.9	Expected Prod. IV/54	Expected Prod. 1954	plus	minus
Rolled Products of Aluminum (Plan Position No. 1322 510)	Total:	26,900.	11,070.	17,178.	5,050.	22,228.	---	5,672.
Hettstedt	Total:	14,200.	5,398.	8,227.	2,352.	10,579.	---	3,621.
Alu-Sheets		6,300.	2,175.	3,120.	825.	3,945.	---	2,355.
Alu-Strips		1,300.	1,089.	1,839.	740.	2,579.	1,279.	---
Alu-Rods		1,100.	575.	821.	255.	1,076.	---	24.
Alu-Pipe		200.	122.	197.	71.	268.	68.	---
Alu-Wire		5,300.	1,437.	2,250.	461.	2,711.	---	2,589.
Bitterfeld	Total:	5,100.	2,374.	3,921.	1,160.	5,081.	---	19.
Alu-Rods and Wire		4,800.	2,189.	3,649.	1,040.	4,689.	---	111.
Alu-Pipe		300.	185.	272.	120.	392.	92.	---
Rackwitz	Total:	2,600.	1,055.	1,536.	514.	2,050.	---	550.
Alu-Sheets		1,400.	702.	1,068.	366.	1,434.	34.	---
Alu-Wire		1,200.	353.	468.	148.	616.	---	584.
Merseburg	Total:	3,100.	1,537.	2,428.	683.	3,111.	11.	---
Alu-Sheets		2,800.	1,378.	2,189.	611.	2,800.	---	---
Alu-Foil		300.	159.	239.	72.	311.	11.	---
Berliner Metallhuetten-u. Halbzeugwerke	Total:	700.	111.	166.	41.	207.	---	---
Alu-Sheets		200.	56.	93.	---	93.	---	---
Alu-Wire		500.	55.	73.	41.	114.	---	386.
K W O - Wire	Total:	1,200.	595.	900.	300.	1,200.	---	---

-15-
S-E-C-R-E-T

S-E-C-R-E-T

-16-

25X1

		Planned Prod. 1954	Actual Prod. as of 30.6.54	Expected Prod. as of 30.9	Expected Prod. IV/54	Expected Prod. 1954	plus	minus
Rolled Products of Zinc (Plan position No. 1322 700)								
	Total:	1,680.	606.	960.	557.	1,517.	---	163.
Hettstedt								
	Total:	660.	280.	420.	190.	610.	---	50.
Zn-Sheets	200.)		258.	391.	167.	558.	---	72.
Zn-Strips	430.)							
Zn-Wire	90.		22.	29.	23.	52.	22.	---
Berliner Metallhuetten-u. Halbzeugwerke								
	Total:	1,020.	326.	540.	367.	907.	---	113.
Zn-Sheets	870.		274.	464.	300.	724.	---	76.
Zn-Strips	150.		52.	76.	37.	113.	---	37.

-16-

S-E-C-R-E-T

25X1

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